

AMENDMENT TO THE SPECIFICATION:

Please amend the specification by substituting the following paragraph for the paragraph beginning at page 9, line 5 of the application as filed:

SIGIRR polypeptide is homologous to the IL-1 receptor and its known homologs. SIGIRR polypeptide shares 26% amino acid identity with IL-1R type I, 32% amino acid identity with IL-1R AcP, 28% amino acid identity with AcPL, 35% amino acid identity with IL-1Rrp1, 31% amino acid identity with IL-1Rrp2, 29% amino acid identity with T1/ST2 (mouse), 33% with TIGIRR (U.S. Provisional Application Ser. No. ~~06/068,634~~ 60/068,634, filed December 23, 1997, hereby incorporated by reference), and 22% with Xrec 2 (U.S. Provisional Application of John E. Sims et al. for IL-1 Zeta and Xrec2 DNAs and Polypeptides filed December 14, 1998, hereby incorporated by reference). The SIGIRR polypeptide has a single immunoglobulin extracellular region (up to amino acid 118 of SEQ ID NO:2), a transmembrane domain (amino acids 119-140 of SEQ ID NO:2), a cytoplasmic domain homologous to those of the IL-1R family with an additional approximately 100 amino acids at its C-terminus, which is not found in the other known IL-1R homologs (amino acids 141-410 of SEQ ID NO:2). However, comparable domains are found in partial homologs of the IL-1R, such as the mammalian proteins TIGIRR and Xrec2, noted above, and the Drosophila proteins Toll and 18-wheeler.